

Monitoring ServiceNow

ServiceNow Base Pack PowerPack version 105

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Chapter

1

Introduction to the ServiceNow Base Pack PowerPack

Overview

This chapter describes how to monitor ServiceNow in SL1 using the ServiceNow Base Pack PowerPack. This PowerPack also contains the Run Book Automation policies and a Run Book Action policy that you use with the ServiceNow Incident Synchronization PowerPack or the ServiceNow Events Synchronization PowerPack in SL1 PowerFlow.

NOTE: After the 2.1.0 platform release, the *Integration Service* was rebranded as *SL1 PowerFlow*, and the *Automation Builder* was rebranded as *SL1 PowerFlow builder*.

Use the following menu options to navigate the SL1 user interface:

- To view a pop-out list of menu options, click the menu icon (三).
- To view a page containing all the menu options, click the Advanced menu icon (...).

The following topics describe how to use the ServiceNow Base Pack PowerPack:

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What Does the ServiceNow Base Pack PowerPack Monitor?

To monitor a ServiceNow instance with SL1, you must install the ServiceNow Base PackPowerPack. This PowerPack enables you to model and collect data about ServiceNow Incident and CMDB tables so you can sync SL1 Events with ServiceNow Incidents, and you can sync SL1 Devices with ServiceNow Configuration Items (Cls). You can also use this PowerPack to sync Events or Cases between SL1 and ServiceNow.

The ServiceNow Base PackPowerPack monitors the ServiceNow Incident and CMDB tables, and it returns information about Incident types, priorities, and states, displaying the information in an easy-to-consume dashboard. The PowerPack also returns information about the CI records that are actively being synced between SL1 and ServiceNow via SL1 PowerFlow, including basic CI metadata as well as an overall count.

This PowerPack also contains Run Book Automation policies and a Run Book Action policy that you can use with the ServiceNow Incident Synchronization PowerPack, the ServiceNow Cases Synchronization PowerPack, or the ServiceNow Events Synchronization PowerPack in SL1 PowerFlow.

The ServiceNow Base Pack PowerPack includes:

- The "ServiceNow: CMDB Configuration" Dynamic Application, which provides data for PowerFlow systems communicating with ServiceNow
- The "ServiceNow: Incident Metrics" Dynamic Application, which collects information about the types, statuses, and properties of ServiceNow Incidents
- The "REST: Performance Metrics Monitor (ServiceNow)" Dynamic Application, which collects performance data such as connection errors, latency, SSL errors, and timeouts
- A Device Class for ServiceNow instances
- The following Run Book Automation policies to automate adding, updating, and clearing cases, events, or incidents, and to automate creating ServiceNow cases, events, or incidents in SL1:
 - ServiceNow: [Cases] Add/Update
 - o ServiceNow: [Cases] Click to Create
 - ServiceNow: [Cases] Event Cleared
 - ServiceNow: [Events] Add/Update
 - o ServiceNow: [Events] Click to Create
 - ServiceNow: [Events] Event Acknowledged
 - ServiceNow: [Events] Event Cleared
 - ServiceNow: [Incidents] Add/Update

- ServiceNow: [Incidents] Click to Create
- o ServiceNow: [Incidents] Event Acknowledged
- o ServiceNow: [Incidents] Event Cleared
- The "ServiceNow: Add/Update/Clear Case", "ServiceNow: Add/Update/Clear Event", and "ServiceNow: Add/Update/Clear Incident" Run Book Action policies
- Two Sample SOAP/XML Credentials: one for connecting Dynamic Applications to a ServiceNow instance, and one for sending event payload information to PowerFlow using the Run Book Automations
- The "ServiceNow CMDB: Un-Mapped Device Classes" Event Policy
- The "ServiceNow Open Incidents" Dashboard, which displays information about ServiceNow incident statuses and types

Installing the ServiceNow Base Pack PowerPack

To monitor a ServiceNow instance with SL1, you must import and install the latest version of the ServiceNow Base Pack PowerPack.

NOTE: If you are upgrading from SyncServer, you must disable the old SyncServer Run Book Actions and Run Book Automation policies before installing the ServiceNow Base Pack PowerPack.

TIP: By default, installing a new version of a PowerPack overwrites all content in that PowerPack that has already been installed on the target system. You can use the *Enable Selective PowerPack Field Protection* setting in the *Behavior Settings* page (System > Settings > Behavior) to prevent new PowerPacks from overwriting local changes for some commonly customized fields. For more information, see the *System Administration* manual.

To install the ServiceNow Base Pack PowerPack:

- 1. Search for and download the ServiceNow Base Pack PowerPack from the **PowerPacks** page on the ScienceLogic Support Site.
- 2. In SL1, go to the **PowerPack Manager** page (System > Manage > PowerPacks).
- 3. Click the Actions menu and choose Import PowerPack. The Import PowerPack modal appears.
- 4. Click [Browse] and navigate to the Service Now Base Pack PowerPack file from step 1.
- Select the PowerPack file and click [Import]. The PowerPack Installer modal page displays a list of the PowerPack contents.
- 6. Click [Install]. After the installation is complete, the ServiceNow Base PackPowerPack appears on the PowerPack Manager page.

Chapter

2

Configuring ServiceNow Base Pack Monitoring

Overview

This chapter describes how to configure ServiceNow for monitoring by SL1 using the ServiceNow Base Pack PowerPack.

Use the following menu options to navigate the SL1 user interface:

- To view a pop-out list of menu options, click the menu icon (=).
- To view a page containing all the menu options, click the Advanced menu icon (...).

This chapter covers the following topics:

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Creating a SOAP/XML Credential for ServiceNow

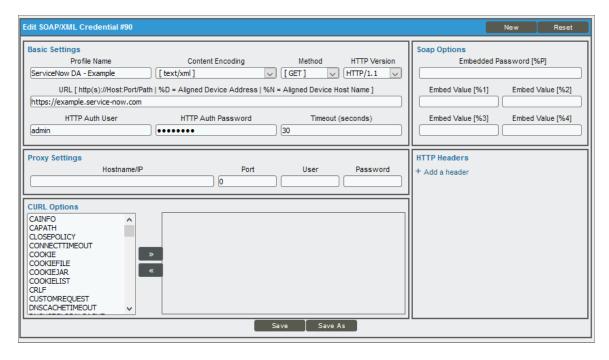
To configure SL1 to monitor a ServiceNow instance, you must first create at least one SOAP/XML credential to enable the Dynamic Applications in the ServiceNow Base Pack PowerPack to communicate with ServiceNow and PowerFlow.

The PowerPack includes two sample credentials:

- ServiceNow DA Example. This credential connects the Dynamic Applications in the ServiceNow Base Pack PowerPack to a ServiceNow instance. This credential lets you monitor the CMDB and Incident tables in ServiceNow.
- ServiceNow RBA Example. This credential lets you send event payload data from SL1 to PowerFlow and
 then to ServiceNow. Use this credential to integrate with the Incident, Events, or Cases Synchronization
 PowerPacks by aligning this credential with the relevant "ServiceNow: Add/Update/Clear (Incident, Event, or
 Case)" Run Book Action.

To configure the **ServiceNow DA - Example** credential:

- 1. In SL1, go to the **Credential Management** page (System > Manage > Credentials).
- 2. Locate the ServiceNow DA Example credential and then click its wrench icon (). The Edit SOAP/XML Credential page appears:

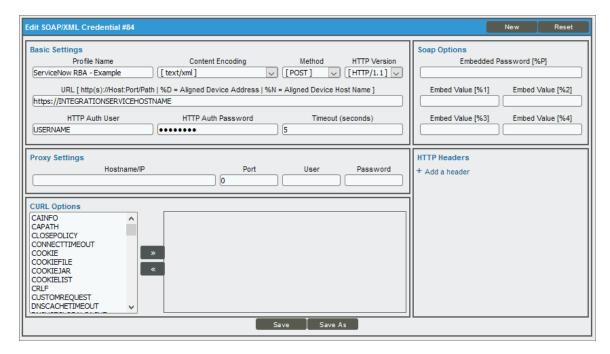


- 3. Complete the following fields:
 - Profile Name. Type a name for the ServiceNow Dynamic Applications credential.

- Content Encoding. Select text/xml.
- Method. Select GET.
- HTTP Version. Select HTTP/1.1.
- URL. Type the URL for your ServiceNow system.
- HTTP Auth User. Type the ServiceNow administrator username.
- HTTP Auth Password. Type the ServiceNow administrator password.
- Timeout (seconds). Type "30".
- 4. Click the [Save As] button.

To configure the **ServiceNow RBA - Example** credential to use with the "ServiceNow: Add/Update/Clear (Incident, Event, or Case)" Run Book Action:

- 1. Go to the **Credential Management** page (System > Manage > Credentials).
- Locate the ServiceNow RBA Example credential and then click its wrench icon (). The Edit SOAP/XML Credential page appears:



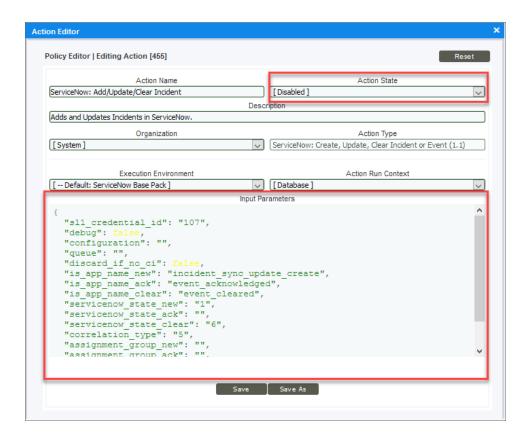
- 3. Complete the following fields:
 - Profile Name. Type a name for the ServiceNow Run Book Action credential.
 - Content Encoding. Select text/xml.
 - Method. Select POST.
 - HTTP Version. Select HTTP/1.1.
 - URL. Type the host name for PowerFlow.

- HTTP Auth User. Type the PowerFlow administrator username.
- HTTP Auth Password. Type the PowerFlow administrator password.
- Timeout (seconds). Type "5".
- 4. Click [Save As].
- 5. When the confirmation message appears, click [OK].
- 6. On the **Credential Management** page (System > Manage > Credentials), make a note of the value in the **ID** column for the credential you just created:



You will use this value with the **sl1_credential_id** parameter when you enable and customize the snippet code of the "ServiceNow: Add/Update/Clear (Incident, Event, or Case)" Run Book Action policy.

The following image shows the **Action Editor** page for the "ServiceNow: Add/Update/Clear Incident" Run Book Action policy:



Enabling the Run Book Automation Policies

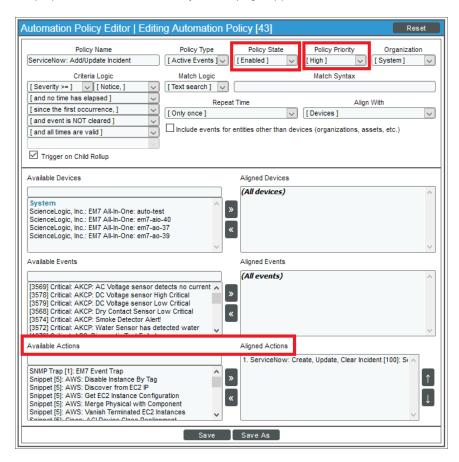
Before you can run the "ServiceNow: Add/Update/Clear Incident" Run Book Action, you must enable the relevant Run Book Automation policies in SL1:

- ServiceNow: [(Cases, Events, or Incident)] Add/Update
- ServiceNow: [(Events or Incident)] Event Acknowledged
- ServiceNow: [(Cases, Events, or Incident)] Event Cleared

NOTE: Versions 104 and 105 of the ServiceNow Base Pack PowerPack separated these Run Book Action policies by Cases, Events, and Incident, such as "ServiceNow: [Events] - Add/Update" and "ServiceNow: [Cases] - Add/Update". This update lets you choose the Run Book Actions based on if you are using the Cases, Events, or Incident Synchronization PowerPack.

To enable the three ServiceNow Run Book Automation policies:

- 1. In SL1, go to the **Automation Policy Manager** page (Registry > Run Book > Automation).
- 2. Locate the "ServiceNow: [(Cases, Events, or Incident)] Add/Update" automation policy and click its wrench icon (). The **Automation Policy Editor** page appears:



- 3. Update the following fields:
 - Policy State. Select Enabled.
 - **Policy Priority**. Select High to ensure that this PowerFlow automation policy is added to the top of the queue.
 - Available Actions. If it is not already selected, select the corresponding ServiceNow Run Book Action policy.

TIP: By default, the "ServiceNow: [Incidents] Add/Update" automation policy will create ServiceNow Incidents for *all* devices. You can limit the devices affected by making changes to the **Organization**, **Severity**, **Match Logic**, **Aligned Devices**, and/or **Aligned Events** fields.

WARNING: ScienceLogic highly recommends that you do not make changes to the **Policy Type**, **Repeat Time**, or **Align With** fields or the And event is NOT acknowledged setting.

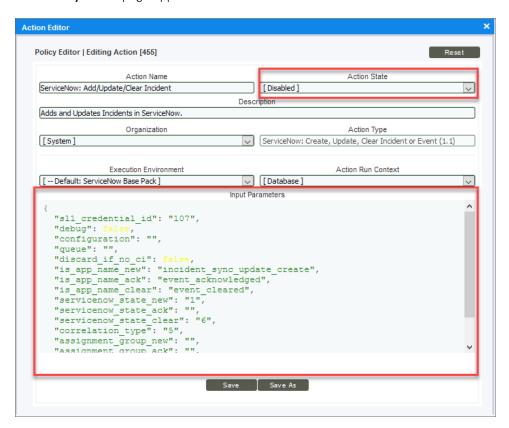
- 4. Click [Save].
- 5. Repeat steps 2-4 for the "ServiceNow: [(Events or Incident)] Event Acknowledged" and "ServiceNow: [(Cases, Events, or Incident)] Event Cleared" Run Book Automation policies.

Enabling and Customizing the Run Book Action Policy

The "ServiceNow: Add/Update/Clear Case", the "ServiceNow: Add/Update/Clear Event", and the "ServiceNow: Add/Update/Clear Incident" Run Book Action policies contain snippet code that you can customize to use with the relevant Synchronization PowerPack. You edit these values in the **Input Parameters** pane of the **Action Policy Editor** page for this policy.

To enable and customize the Run Book Action policy:

- 1. In SL1, go to the **Action Policy Manager** page (Registry > Run Book > Actions).
- 2. Locate the **ServiceNow**: **Add/Update/Clear** policy that you want to use and click its wrench icon (). The **Action Policy Editor** page appears:



- 3. For the Action State filed select Enabled.
- 4. For the *sl1_credential_id* field in the Input Parameters pane, specify the credential ID form the ID column on the Credential Management page (System > Manage > Credentials). For example: "sl1_credential_id": "107"
- 5. Edit the snippet code as necessary, using the information in the *Customizing the Snippet Code in the Input Parameters Pane* section, below. When you are finished, click [Save].

Customizing the Snippet Code in the Input Parameters Pane

SL1 Run Book Action snippets are written in Python. In the event of a syntax error, the policies will no longer run. As a result, you must ensure that all edits adhere to Python standards. True and False options are case-sensitive and must not contain quotes.

NOTE: Previous SyncServer users had three separate Run Book Action scripts for add/update, acknowledge, and clear. These have been rolled into a single Run Book Action in this Synchronization PowerPack, but there are still three Automation policies.

You can customize the following values in the "ServiceNow: Add/Update/Clear" Run Book Action snippet code:

- sl1_credential_id. Specifies the ID of the credential object. You can find this value in the ID column of the Credentials page (System > Manage > Credentials of SL1. For example: "sl1_credential_id": "107"
- **debug**. A true/false value that determines if the action is logged in SL1 and if the application is run in Debug Mode on PowerFlow. Troubleshooting logs are written to **/data/tmp/servicenow_rba.log**.
- configuration. Specifies the ID of the configuration object used on PowerFlow. The configuration ID is all lower-case, with spaces in the configuration object "friendly" name replaced by underscores. For example: "configuration": "servicenow syncpack configs"

NOTE: To find the configuration ID with the API, make a GET request on this endpoint: https://<powerflow hostname>/api/v1/configurations.

- queue. Specifies the worker queue on which the application runs. Leave this as default.
- discard_if_no_ci. Specifies whether PowerFlow should create cases, events, or incidents in ServiceNow for devices that do not have a matching CI record. The default is false. Your options include:
 - true. If a device is not mapped to a CI, PowerFlow will not create a case, event, or incident in ServiceNow, and SL1 is not updated. The following log message appears: "No CI found".
 - false. If a device is not mapped to a CI, PowerFlow will create a case, event, or incident in ServiceNow and update SL1.

NOTE: The following parameters are specific to the "ServiceNow: Add/Update/Clear Incident" Run Book Action.

- servicenow_state_new:
 - 1. Incident state is "New". This is the default value.
 - 2. Incident state is "In Progress".
 - o 3. Incident state is "On Hold".
 - o 6. Incident state is "Resolved".
 - o 7. Incident state is "Closed".
 - 8. Incident state is "Canceled".

• servicenow state ack:

- 1. Incident state is "New". There is no default value.
- o 2. Incident state is "In Progress".
- o 3. Incident state is "On Hold".
- ∘ 6. Incident state is "Resolved".
- 7. Incident state is "Closed".
- 8. Incident state is "Canceled".

• servicenow state clear:

- 1. Incident state is "New".
- o 2. Incident state is "In Progress".
- 3. Incident state is "On Hold".
- o 6. Incident state is "Resolved". This is the default value.
- 7. Incident state is "Closed".
- 8. Incident state is "Canceled".
- correlation_type. Correlates an SL1 Event with a ServiceNow Incident. For this value, which is also called the "Correlation ID", you can choose a number of different ways in which an incident can be created. The default setting is "correlation_type": "5", which means that this Run Book Action correlates all events by device ID and event policy ID, and if the event matches and the state is active, the Action updates the existing incident. The Action creates a new incident if the event does not match by device ID and event policy ID. As a result, the Correlation Type helps determine which events get rolled up under an incident. All Run Book Action scripts should use the same Correlation Type value, otherwise correlation will fail.

The possible Correlation Type values include the following:

- 1. Correlate all duplicate incidents by SL1 ID only.
- 2. Correlate all duplicate incidents by event policy ID only.
- 3. Correlate all duplicate incidents by device ID only.
- 4. Correlate all duplicate incidents by Interface ID only. This correlation requires that the SL1 event
 has an interface aligned. If there is no interface aligned to the event, the returned Interface ID will be
 0.
- 5. Correlate all duplicate incidents by device ID and event policy ID. This is the default Correlation Type value.
- o 6. Correlate all duplicate incidents by device ID, event policy ID, and event sub entity ID.
- 7. Correlate all duplicate incidents by device ID, event policy ID, region, and event ID. Please note that using this correlation type will result in all events triggering new incidents.
- 8. Correlate all events to the root device ID of the component device into one incident. Please note
 that using this correlation type might lead to undesirable behavior, as not all events generated on a
 child device indicate a problem on the root device. As a result, ScienceLogic recommends that you
 only use this correlation type against specific event policies.

You can assign the assignment group to one of the new, acknowledged, or cleared incidents that are
mapped. To disable this feature, ensure that no values are set. To assign an assignment group, set the
variable value to the sys_id of the ServiceNow Assignment Group. In the following example, the assignment
group is assigned to incidents that are cleared:

```
"assignment_group_new": "",
"assignment_group_ack": "",
"assignment group clear": "sys id"
```

Customizing Logging in the Run Book Action

You can customize the following logging-related items in the "ServiceNow: Add/Update/Clear" Run Book Action snippet code:

- logfile = /data/tmp/ServiceNow_add_update_clear_incident.log
 - Location for logging output.
 - Will be created if it does not exist.
 - Will be appended with each Run Book job.
 - Is case-sensitive.
- do_debug_logging = True
 - o True is on, False is off.
 - o Is case-sensitive.
 - For troubleshooting, these can be enabled or changed.
 - Writes logs to /data/tmp/servicenow_rba.log.

Sending Custom Data to ServiceNow Using the Passthrough Option

You can use the "ServiceNow: [Incident] Add/Update" Run Book Automation and the "ServiceNow: Add/Update/Clear Incident" Run Book Action to "pass through" custom data about incidents to ServiceNow. For example, you might want to use the passthrough functionality to overwrite the impact and urgency of a ServiceNow Incident, which is the only way to change the priority of the Incident.

NOTE: You can also use the "ServiceNow: [Cases] Add/Update" Run Book Automation and the "ServiceNow: Add/Update/Clear Cases" Run Book Action to "pass through" custom data about cases to ServiceNow. Similarly, you can use the "ServiceNow: [Events] Add/Update" Run Book Automation and the "ServiceNow: Add/Update/Clear Event" Run Book Action to "pass through" custom data about events to ServiceNow.

To pass custom data to ServiceNow:

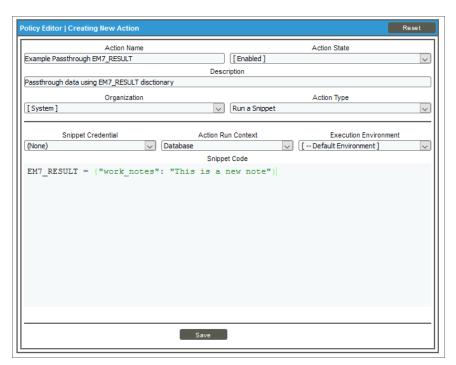
- Create a new Run Book Action that pulls the relevant data and adds it to a dictionary called EM7 RESULT.
- Add the new Run Book Action to the "ServiceNow: [(Cases, Events, or Incident)] Add/Update "Run Book Automation Policy, ahead of the "ServiceNow: Add/Update/Clear (Case, Event, or Incident)" Run Book Action so that the new Action runs first, and then is consumed by the ServiceNow Action.

Passing Custom Data to ServiceNow

The following procedure describes how to configure the passthrough functionality, using the "ServiceNow: [Incident] Add/Update" Run Book Automation and the "ServiceNow: Add/Update/Clear Incident" Run Book Action as examples.

To pass custom data to ServiceNow:

1. In SL1, go to the **Action Policy Manager** page (Registry > Run Book > Actions) and click **[Create]** to create a new Run Book Action policy:



- 2. Complete the following fields:
 - Action Name. Type a unique name for the Action.
 - Action State. Select Enabled.
 - Action Type. Select Run a Snippet.
 - Execution Environment. Select Service Now Base Pack.
 - Complete the other fields as needed.

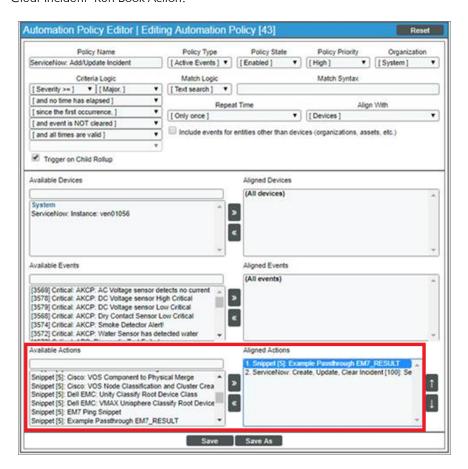
3. In the **Snippet Code** pane, add the snippet code you want to include for the EM7_RESULT dictionary. For example, the following snippet code lets you override the ServiceNow Incident work notes with a hardcoded note:

```
EM7 RESULT = {"work notes": "This is a new note"}
```

Additional notes about the structure of the EM7 RESULT dictionary:

- EM7_RESULT = is required for the dictionary, and the formatting of the keys should match the example above.
- All keys defined in the EM7_RESULT dictionary need to map to field IDs on the ScienceLogic Events
 table in ServiceNow.
- You can hard-code the values in the EM7_RESULT dictionary, or you can use variables and functions, like the "Snippet Code Example", below.
- As a best practice, avoid sending null passthrough values to ServiceNow. If you must send 'null' or 'NULL' values to ServiceNow, pass through that value as an empty string, such as "location": "".
 Also, only pass through values that you need. For example, instead of sending {"location": "", "work notes": "stuff"}, simply send {"work notes": "stuff"}.
- A long snippet might delay the ticket being created
- 4. Click [Save].
- 5. Go to the **Automation Policy Manager** page (Registry > Run Book > Automation) and open the "ServiceNow: Add/Update Incident" Run Book Automation Policy.

6. In the **Available Actions** section, add the new Run Book Action before the "ServiceNow: Create, Update, Clear Incident" Run Book Action:



NOTE: The output of this new Run Book Action will be consumed by the "ServiceNow: Create, Update, Clear Incident" Run Book Action, ensuring that the EM7_RESULT dictionary is passed through to ServiceNow. The "ServiceNow: Create, Update, Clear Incident" Run Book Action automatically populates the passthrough values with any values from EM7_LAST_RESULT. The passthrough overwrites any other previously defined fields, such as assignment group.

7. You can add additional Run Book Actions to the Run Book Automation Policy for any additional workflows that you might want to run. The Automation Policy execute these Actions in a sequential, top-down order. However, the "ServiceNow: Create, Update, Clear Incident" Run Book Action only consumes the EM7_RESULT dictionary from the Run Book Action directly above it.

Snippet Code Example

The following snippet code example shows how to pull additional information and make it available for passthrough. All of the additional information that is going to be sent is contained in a dictionary variable called EM7_RESULT. You can pass through multiple items through in a single Run Book Action by adding additional keys to the EM7_RESULT dictionary.

This example lets you assign assignment groups to an Incident based on certain criteria, such as event policy IDs:

```
from future.utils import iteritems
def invert mappings (mappings):
    Invert received one-to-many mappings and converts it into a one-to-one
    mapping.
    Aras:
        mappings (dict): Dictionary of mapped values
   Returns:
        dict: inverted dictionary.
    inverted mappings = dict()
    for key, values in iteritems (mappings):
        for sub value in values:
           invert mappings[sub value] = key
    return inverted mappings
# Example of assignment group to list of event policy ids mapping.
assignment groups to event policies = {
    "sys_id_1": [1, 2, 3, 4, 5],
    "sys id 2": [6, 7, 8, 9, 10],
# which sys id to use if the current event policy id isn't mapped
default sys id = "sys id 3"
# invert the mappings
event policy to assignment group = invert mappings (assignment groups to event
policies)
# Send assignment group sys id to IS RBA
EM7 RESULT = {
    "assignment group": event_policy_to_assignment_group.get(
        EM7 VALUES["%3"], default sys id
}
```

Configuring the "ServiceNow: Click to Create" Automation Policy

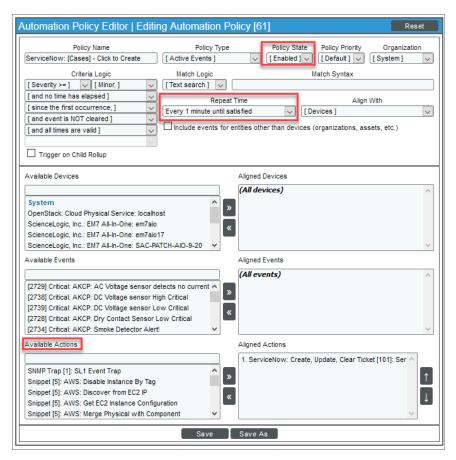
The "ServiceNow: [Cases, Events, or Incident] Click to Create" Run Book Automation policy lets you manually create a case, event, or incident in ServiceNow by clicking the **Actions** button (••) in SL1 for an event and selecting "Create External Ticket" (or by clicking the life-preserver icon (••) for an event in the classic user interface).

This Run Book Automation policy is available in the ServiceNow Base Pack PowerPack.

NOTE: Versions 104 and 105 of the ServiceNow Base Pack PowerPack separated this Run Book Automation policy into the following: "ServiceNow: [Cases] Click to Create", "ServiceNow: [Events] Click to Create", and "ServiceNow: [Incident] Click to Create".

To configure the "ServiceNow: Click to Create" Run Book Automation policy:

- 1. In SL1, go to the Behavior Settings page (System > Settings > Behavior) and set the **Event Console Ticket Life Ring Button Behavior** option to Create/View External Ticket.
- 2. Click **[Save]** to save your changes. You might need to log out of SL1 and log back into SL1 for the changes to update.
- 3. Go to the **Automation Policy Manager** page (Registry > Run Book > Automation).
- Locate the ServiceNow: [(Cases, Events, or Incident)] Click to Create policy and click its wrench icon (
 The Automation Policy Editor page appears:



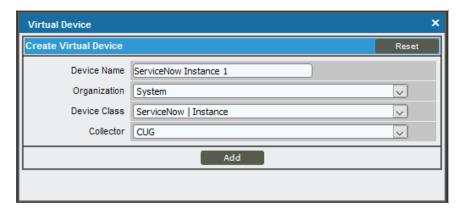
- 5. Update the following fields:
 - Policy State. Select Enabled.
 - **Repeat Time**. Specify the frequency at which SL1 should execute the automation policy while the conditions are still met. The choices range from "every 30 seconds until satisfied" to "every 2 hours until satisfied", or "only once". By default, the policy only runs once.
 - Available Actions. If it is not already selected, select the corresponding ServiceNow Run Book Action policy to add it to the Aligned Actions field.
- 6. Click [Save].

Creating a Virtual Device for the ServiceNow Base Pack

To monitor ServiceNow, you must create a *virtual device* that represents the root device for ServiceNow. You can use the virtual device to store information gathered by policies or Dynamic Applications.

To create a virtual device that represents your ServiceNow instance:

- Go to the **Device Manager** page (Devices > Device Manager or Registry > Devices > Device Manager for the classic user interface).
- 2. Click the [Actions] button and select Create Virtual Device from the menu. The Virtual Device modal page appears:



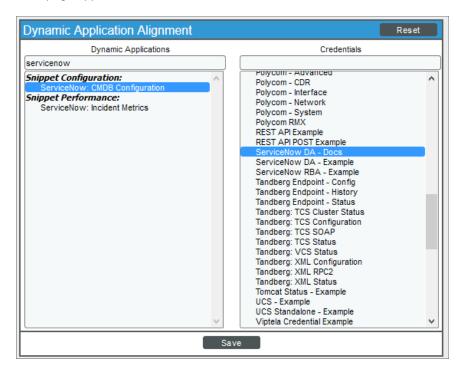
- 3. Complete the following fields:
 - Device Name. Type a name for the device.
 - **Organization**. Select the organization for this device. The organization you associate with the device limits the users that will be able to view and edit the device. Typically, only members of the organization will be able to view and edit the device.
 - **Device Class**. Select ServiceNow | Instance.
 - Collector. Select the collector group that will monitor the device.
- 4. Click the [Add] button to create the virtual device.

Aligning the ServiceNow Base Pack Dynamic Applications

Before you can run the Dynamic Applications in the ServiceNow Base Pack, you must manually align each Dynamic Application to the virtual device you created in the previous step. When you align the Dynamic Applications, you should use the ServiceNow credential that you created from the **ServiceNow DA - Example** credential.

To align the ServiceNow Base Pack Dynamic Applications with the ServiceNow virtual device:

- 1. Go to the **Device Manager** page (Devices > Device Manager or Registry > Devices > Device Manager for the classic user interface).
- 2. Click the wrench icon () for the virtual device you created in the previous section. The **Device Properties** page appears.
- 3. Click the [Collections] tab. The Dynamic Application Collections page appears.
- 4. Click the [Actions] button and select Add Dynamic Application. The **Dynamic Application Alignment** modal page appears:



- 5. In the **Dynamic Applications** field, select the first of the three ServiceNow Dynamic Applications.
- 6. In the *Credentials* field, select the credential you created based on the *ServiceNow DA Example* credential.
- 7. Click the [Save] button.
- 8. Repeat steps 4-7 for each remaining Dynamic Application.

Chapter

3

ServiceNow Base Pack Dashboards

Overview

This chapter describes the system dashboard that is included in the ServiceNow Base Pack PowerPack.

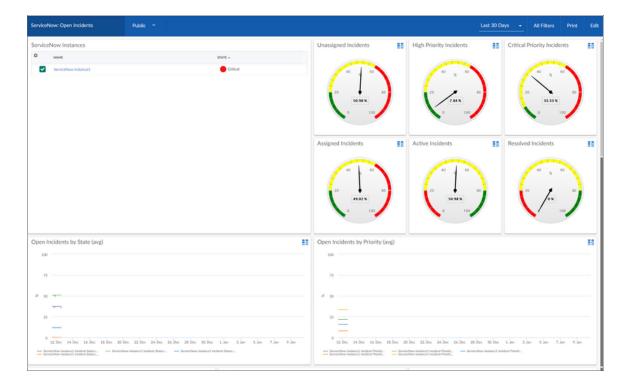
Use the following menu options to navigate the SL1 user interface:

- To view a pop-out list of menu options, click the menu icon (=).
- To view a page containing all the menu options, click the Advanced menu icon (···).

This chapter covers the following topics:

ServiceNow Open Incidents Dashboard

If you are using the new user interface for SL1, you can download the ServiceNow: BasePack SL1 Dashboards PowerPack to add this dashboard to the **Dashboards** page.



The ServiceNow Open Incidents system dashboard displays the following information:

- Open incidents by state
- Open incidents by priority
- Unassigned incidents
- High priority incidents
- Critical priority incidents
- Assigned incidents
- Active incidents
- Resolved incidents
- Incidents unassigned or assigned by percentage
- Incidents source by percentage
- Total open incidents

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